

Success Story

California Health Sciences University

Raising the bar on Pharmacist Education programs



California Health Sciences University

On a mission to provide the nation's finest Pharmacist Education program.

CHSU
CALIFORNIA
HEALTH SCIENCES
UNIVERSITY

WHAT'S INSIDE?

Learn about the California Health Sciences University College of Pharmacy and its forward-thinking mission to transform pharmacy into a primary care profession.

Discover why the CHSU faculty focuses on helping its students to develop solid clinical skills, and read about their approach to accomplishing that goal as they prepare their students to become leaders in their field.

“Physical assessment is becoming an increasingly important skill for pharmacists. We aspire to be a national leader in physical assessment training for pharmacists and pharmacy students.”

- Stanley Snowden, PharmD, MSCR
Assistant Professor of Clinical Sciences, CHSU



THE GOAL

Founded in California's Central Valley region, the California Health Sciences University College of Pharmacy has the goal of offering one of the country's leading pharmacist education programs. According to Stanley Snowden, CHSU's Assistant Professor of Clinical Sciences and an experienced Pharmacist, the University's mission is heavily geared toward providing its students with the understanding, skills and confidence necessary to perform physical assessments. Stanley commented,

“The role of the pharmacist is rapidly evolving and is moving toward increased involvement in clinical settings and patient assessments.” As a pharmacist educator and faculty member, Stanley's objective is to help CHSU to create a leading skills-focused curriculum and to choose the best technology to aid their students to develop the necessary physical assessment expertise.

THE CHALLENGE

A key driver behind their focus on physical assessment is to help students understand how medications can affect various organ systems and disease states. Stanley explained that it's difficult to gain that knowledge without also knowing pathologic sounds learned through auscultation on patients who present with certain diseases. The challenge for the college of pharmacy was to identify the right technical solution that would train in proper auscultation technique and expose their students to a range of normal and abnormal heart, lung and bowel sounds. Commenting from an educator perspective, Stanley said, “We needed a solution where the faculty could create a variety of patient scenarios first to train the students and then to assess their knowledge and abilities.”

“We needed a solution where faculty could create a variety of patient scenarios to train students and assess their skills.”

About California Health Sciences University

California Health Sciences University was founded in 2012 and welcomed its inaugural College of Pharmacy class in August of 2014. CHSU College of Pharmacy is a four-year pharmacy school that provides a Doctor of Pharmacy degree (PharmD) for its students. The CHSU College of Pharmacy mission is to teach, to ex-

plore, to serve, and to transform pharmacy into a primary care profession. A primary differentiator for the CHSU College of Pharmacy centers on the instruction students receive to develop solid clinical skills and to provide primary patient care in collaboration with other healthcare providers. See: www.chsu.org

About Cardionics

Cardionics is a leading supplier of innovative auscultation training products and services. The company designs, produces and distributes products that facilitate and support classroom education and clinical & tele-health programs in medical institutions and universities worldwide. Cardionics is known for the

high-quality life-like sounds it produces for its auscultation manikins, its online training program and its sound generating CardioSim product. The company's SimScope product supports Standardized Patient programs while its E-Scope products support tele-health programs and hearing impaired clinical users.

THE SOLUTION

The CHSU faculty wanted their physical assessment program in place and ready to go for their very first class. This meant they would also need to evaluate and select the technology required to support the program right from the start. "As a newly established university, equipment budget was certainly a factor," explained Stanley, "but our primary criterion in choosing the right technology was to ensure it provided an excellent learning experience for our students." Following a product demo, Stanley and his colleagues determined that the Cardionics SimScope would be an ideal solution for their needs. Stanley said, "We chose this product because of its versatility in downloading a plethora of sounds. It's portable, easy to use and the sounds it produces are high quality. We also like that it supports our need to create and save a wide range of patient scenarios."

With 65 students per class, CHSU's five SimScopes get a lot of use. Stanley particularly likes the many ways in which the product can be used. He said, "We set up five training stations where we apply the scope's target patches to our CPR manikins - essentially turning them into high-quality auscultation trainers. We also plan to use the SimScopes with Standardized Patients so our students can gain experience interacting with live patient scenarios."

THE RESULT

Stanley says the SimScopes are proving to be excellent tools for training and evaluating their students on their physical assessment skill level. "Our students enjoy using the SimScope," said Stanley, "but the real benefit is that it helps them to clearly see the effects a pharmacotherapy has on the patient's disease state." Asim Abu-Baker, CHSU's Chair of the department of Clinical and Administrative Sciences added, "We're pleased with how the SimScopes help us prepare our students for their future roles. They'll be working closely with doctors, PAs and NPs. The stronger their physical assessment skills are, the better they'll be at integrating into the overall patient care plan - and *that* is the goal we're after."

"SimScope helps our students to clearly see the effects a pharmacotherapy has on the patient's disease state."



"Our end-game is to prepare our students to become outstanding pharmacists. We train them with the best available technology."

- Asim Abu-Baker, PharmD

Associate Professor of Clinical Sciences and
Chair of the dept. of Clinical and Administrative
Sciences, CHSU

**Liked
what
you
read?**

**Learn why thousands
of the world's leading
universities, colleges,
hospitals, educators,
medical professionals
and learners choose
Cardionics products for
their clinical training
and practice needs.**

**Call, click or email us
today.**



www.cardionics.com
info@cardionics.com

910 Bay Star Blvd.
Webster, Texas 77598

800-364-5901